

# Converting Colors

Hex(D7D049)

Have a look what the booklet for  
Hex(D7D049) contains.

<b>Hex(D7D049)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(D7D049)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D7D049
RGB	215, 208, 73
RGB Percent	84%, 82%, 29%
CMY	0.1569, 0.1843, 0.7137
CMYK	0.00, 0.03, 0.66, 0.16
HSL	57°, 64%, 56%
HSV	57°, 66%, 84%
XYZ	51.7828, 60.0399, 15.1629
YIQ	194.7030, 47.5070, -40.5010

# Conversions

## Conversions Part 2

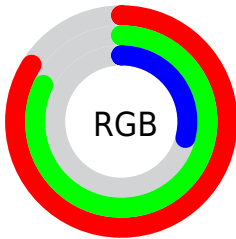
Format	Color
<a href="#">RYB</a>	<a href="#">80, 215, 73</a>
Decimal	<a href="#">14143561</a>
CIELab	<a href="#">81.86, -13.44, 65.06</a>
CIELCh	<a href="#">82, 66.432, 101.673</a>
Yxy	<a href="#">60.0399, 0.4078, 0.4728</a>
Android (android.graphics.Color)	<a href="#">4292333641 (0xFFD7D049)</a>
YUV	<a href="#">194.7030, -59.9996, 17.8005</a>
Hunter-Lab	<a href="#">77.4854, -16.3095, 42.6375</a>

# Details

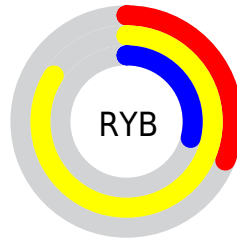
The Hex color **D7D049** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted yellow. A complement of this color would be **4950D7**, and the grayscale version is **C3C3C3**.

A 20% lighter version of the original color is **FFFF80**, and **9D9A00** is the 20% darker color. If you saturate the color by 10%, you get **D7CF34**, and if you desaturate by 10%, it is **D7D15E**.

# Distribution



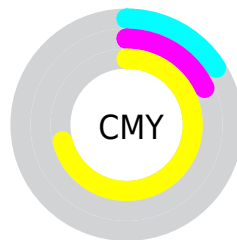
- Red (84%)
- Green (82%)
- Blue (29%)



- Red (31%)
- Yellow (84%)
- Blue (29%)



- Cyan (0%)
- Magenta (3%)
- Yellow (66%)
- Black (16%)



- Cyan (16%)
- Magenta (18%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D7D049 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color D7D049 by changing the saturation by 10% instead.



 D7D049

 D7D049

FFFFFF

 BAB52C

 FFFF80

 9D9A00

 FFFF9C

 818000

 FFFFB8

 656700

 FFFF D5

 4A4F00

 FFFFF2

 303900

 172300

 000D00

 000000

 D7D049

 D7D049

 D7CF34

 D7D15E

 D7CE1E

 D7D274

 D7CD08

 D7D38A

 D7CC00

 D7D49F

 D7D5B5

 D7D6CA

 D7D7E0

 D7D8F5

 D7DAFF

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFBA52



D7D049



92DF6A

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



D7D049



00E7FF



FF9AF4

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



D7D049



4950D7

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



EFB1FF



D7D049



00DDFF

# Square

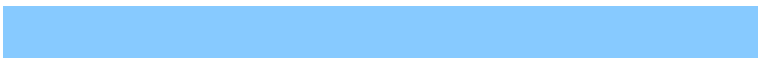
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



D7D049



00EAE3



87CAFF



FF94B6

# Rectangle

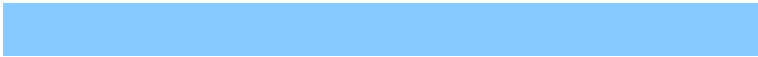
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



D7D049



52E68E



87CAFF



FFA1FF



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



D7D049



FFFCC



D74950



807E61



000000



808080



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



D7D049



FFF536



97D749



6B6B60



ABA200



2B2900



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



4950D7



363FFF



8949D7



60616B



0008AB



00022B



# Previews

## White Background



This preview shows how the Hex color D7D049 looks on a white background.

## Color Contrast Check

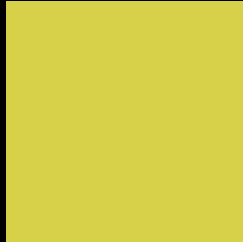
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color D7D049 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex D7D049 Background



This preview shows how black text looks on a background with the Hex color D7D049.

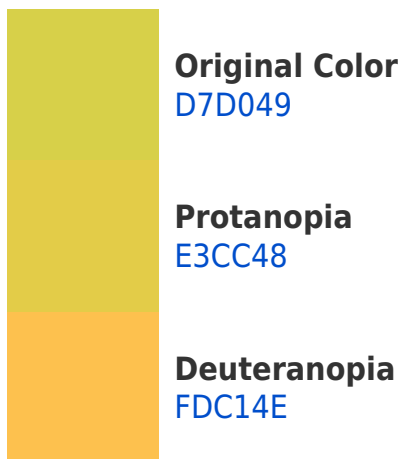


This preview shows how white text looks on a background with the Hex color D7D049.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

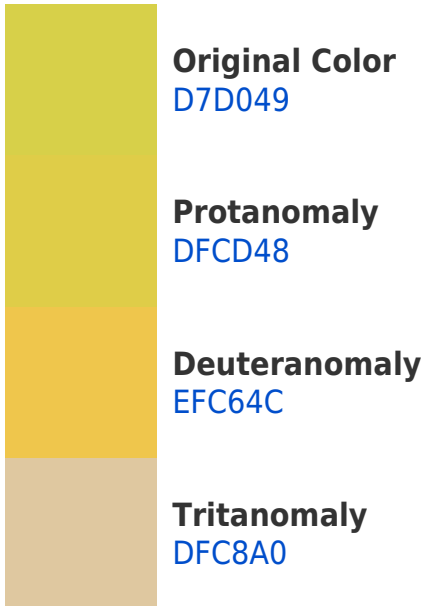
## Dichromacy



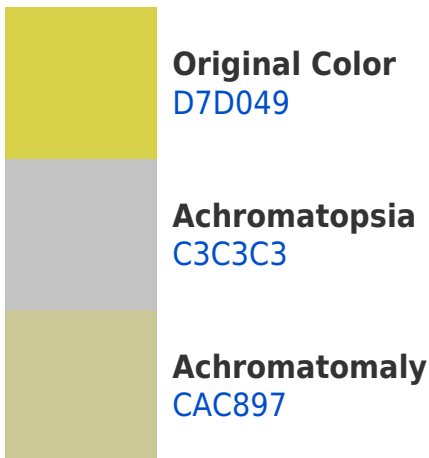


**Tritanopia**  
E3C3D2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D7D049 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #D7D049 looks like.

```
.text, #text, p{  
    color:#D7D049  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #D7D049 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D7D049
}
```

## Border

The CSS property to change the border of an element to Hex D7D049 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D7D049 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#D7D049 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #D7D049 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D7D049; -webkit-box-shadow:4px 4px  
4px 4px #D7D049; box-shadow:4px 4px 4px  
4px #D7D049 }
```

# Background

The CSS property to change the background color of an element to Hex D7D049 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D7D049 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#D7D049 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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